



## Memorandum

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**To:** Provost and Chief Academic Officers

**CC:** Ohio Mathematics Chairs/Leads

**From:** Dr. Ricardo Moena  
Faculty/Lead, Ohio Transfer 36 Mathematics, Statistics, and Logic Review  
Panel/ Subgroup 2 of the Ohio Mathematics Initiative Chairs/Leads Network

**Date:** September 15, 2021

**Subject:** Request for Your Institutional Endorsement for the Proposed Learning  
Outcomes for Ohio Transfer 36 Introductory Data Science (TMM026)

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### Background

The Ohio Transfer 36, Subgroup 2, Mathematics, Statistics, and Logic have been tasked with exploring the possibility of an Introductory Data Science course. The proposed course (TMM026) is intended for students to think critically, reason, and communicate the meaning in data. The goal of this course is not to transform each student into a data scientist, but to give students a sense of data literacy.

The proposed Introductory Data Science (TMM026) learning outcomes are based on college level statistics. TMM026 serves the following purposes:

- Serve as a course incorporating the ability to collect, analyze, and derive meaningful information from data.
- Act as a course integrating curation of data, enhanced data visualization, statistical modeling, estimation, and prediction, application of data science, and consumption of data science practices.

### What we need from you

Subgroup 2 seeks endorsement of the proposed learning outcomes for TMM026. Please review the proposed learning outcomes and coordinate efforts within your institution to complete the endorsement survey to determine if your institution agrees or disagrees with the proposed course learning outcomes. ***We are collecting only one response per institution.***

We recognize that institutions across the state house Data Science in various locations. Given the proposed course's learning outcomes, instructional expertise will typically lie in the department that

teaches Introductory Statistics (TMM010) at your institution. We suggest that your institution's response be led by this department.

Please provide your institution's response by **October 22, 2021**. The survey link is:

<https://www.surveymonkey.com/r/SBKZV5K>

**Important Note:** Institutions must complete the survey via the link provided above. The attached PDF file is for reference only. Do not use the PDF version to respond to the survey.

Thank you in advance for your assistance. If you have any questions, please contact the faculty lead for the Ohio Transfer 36 Mathematics, Statistics, and Logic Review Panel/Subgroup 2, Dr. Ricardo Moena at [ricardo.moena@uc.edu](mailto:ricardo.moena@uc.edu) or (513) 556-4055 or Jessi Spencer, Director of Articulation and Transfer Policy, Budget, and Constituent Relations at [jspencer@highered.ohio.gov](mailto:jspencer@highered.ohio.gov) or (614) 728.4706.

Attachments (2)